

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009610.D
 Acq On : 16 May 2019 16:21
 Operator : JC/SP
 Sample : K2886-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB3

Quant Time: May 17 13:14:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97896	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113956	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.50	113	82491	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.71	98	340191	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	109986	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	

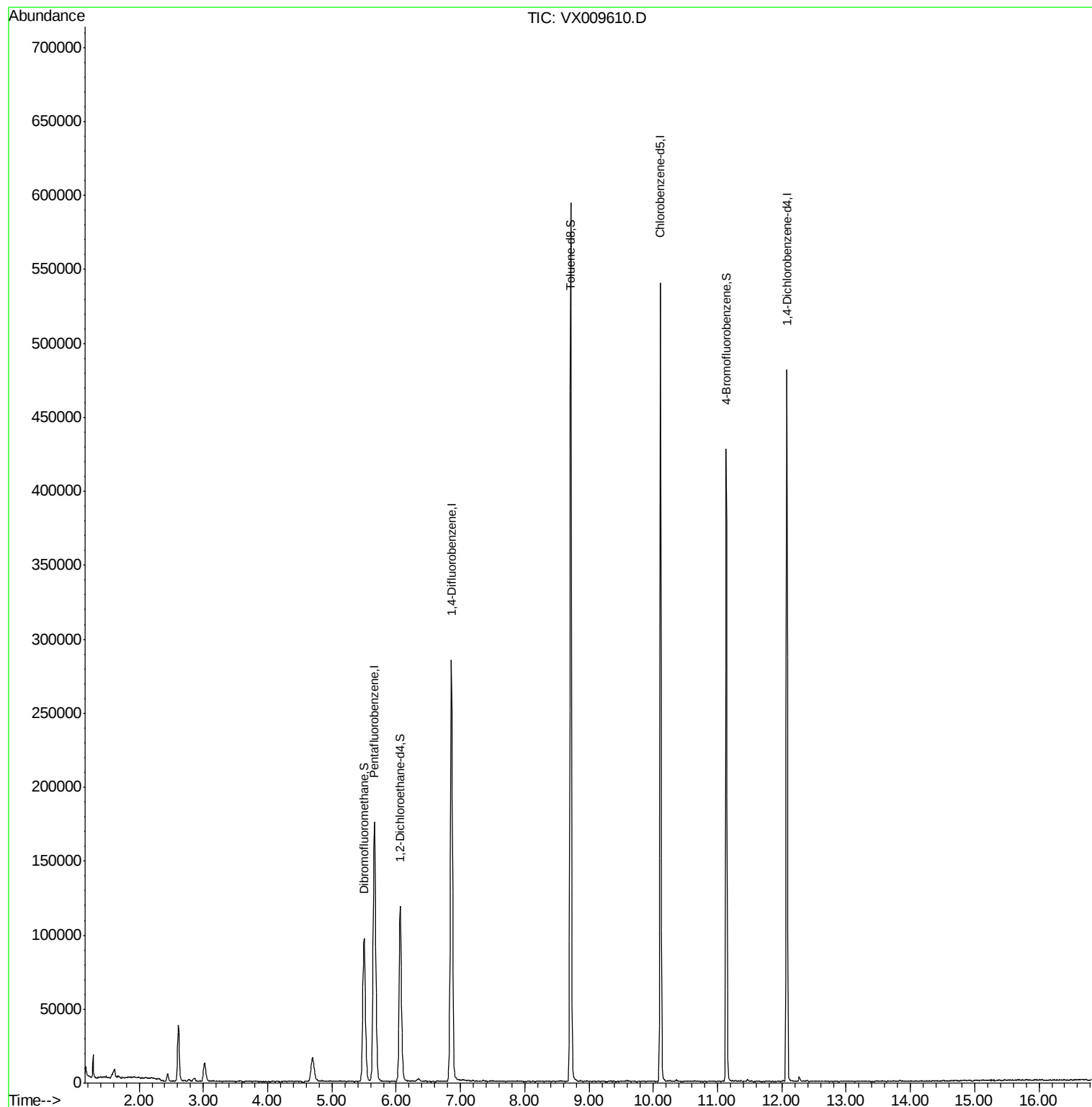
Target Compounds	Qvalue

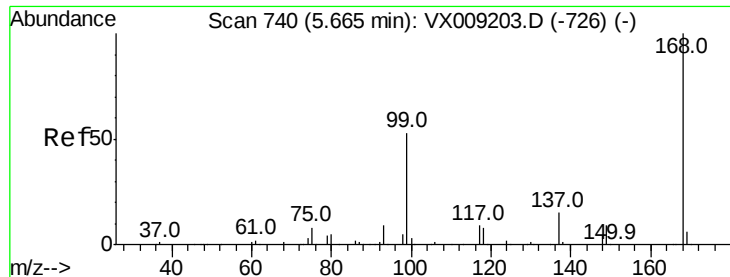
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009610.D

Acq: 16 May 2019 16:21

Instrument :

MSVOA_X

ClientSampleId :

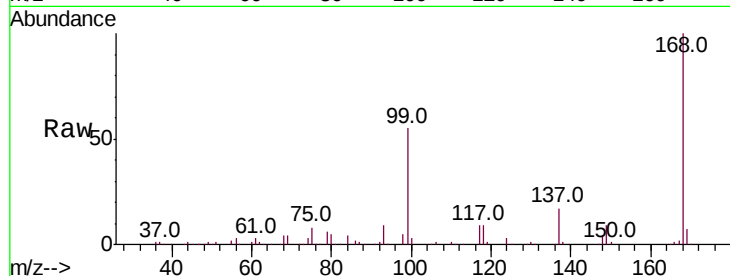
OUTFALL001-TB3

Tot Ion:168 Resp: 170972

Ion Ratio Lower Upper

168 100

99 54.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

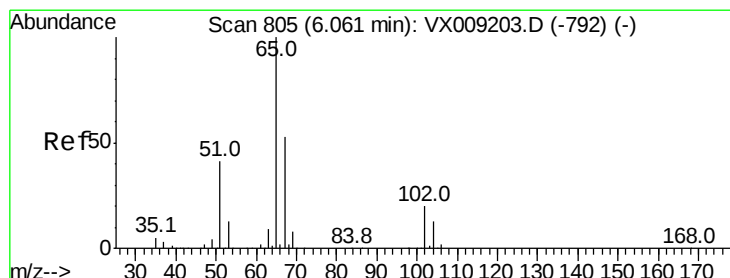
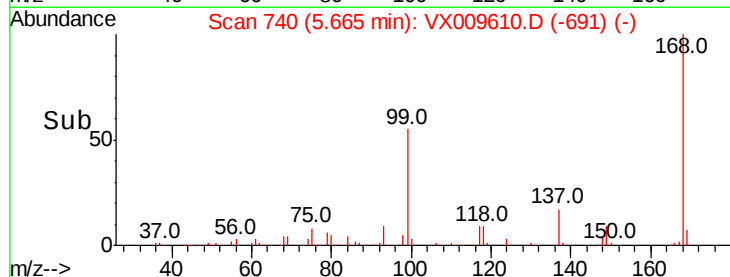
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.825 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009610.D

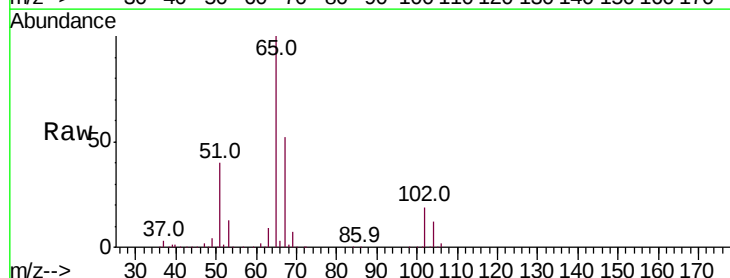
Acq: 16 May 2019 16:21

Tgt Ion: 65 Resp: 113956

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

50000

40000

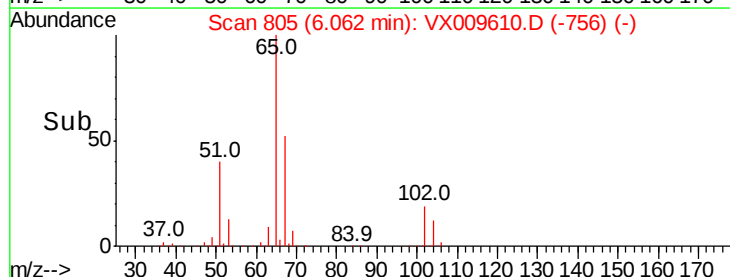
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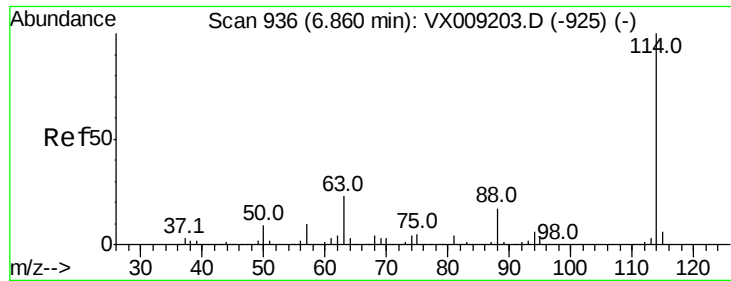
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

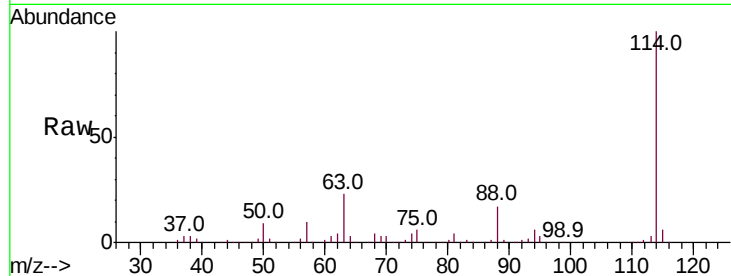




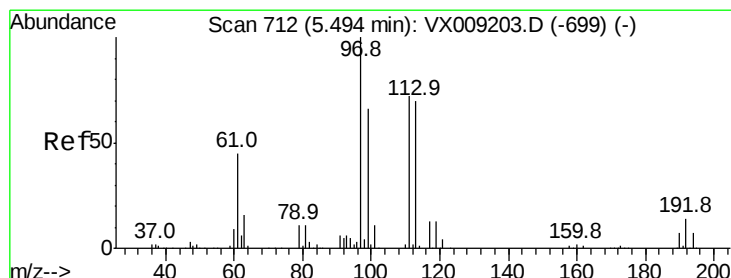
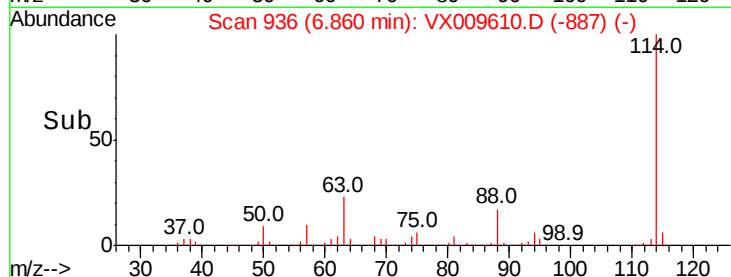
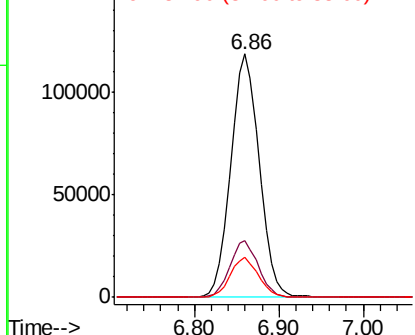
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009610.D
 Acq: 16 May 2019 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB3

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.6
88	16.5	0.0	33.2

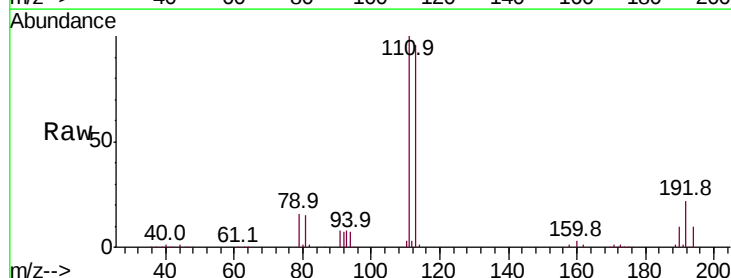


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

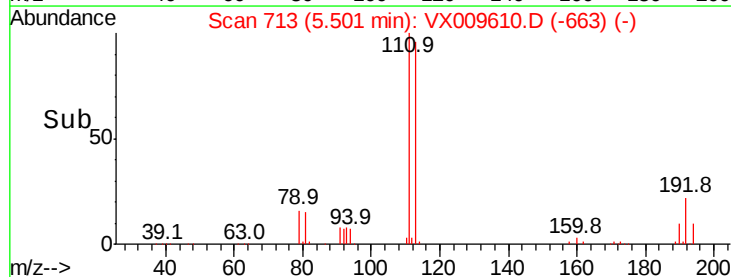
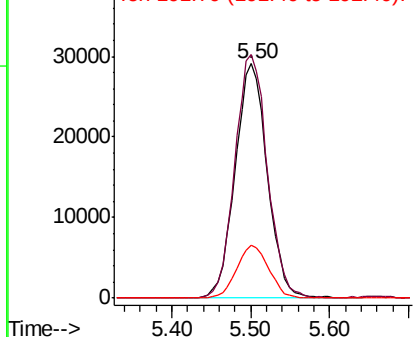


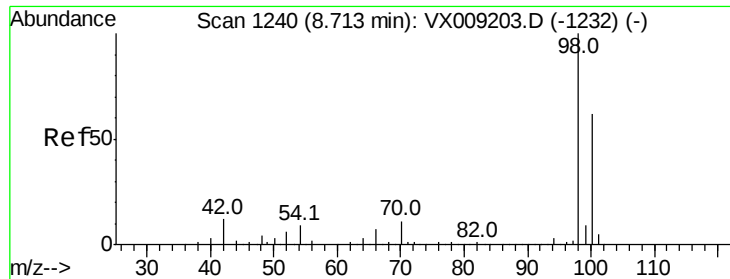
#35
 Dibromofluoromethane
 Concen: 48.309 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009610.D
 Acq: 16 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.8	124.2
192	22.5	17.0	25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

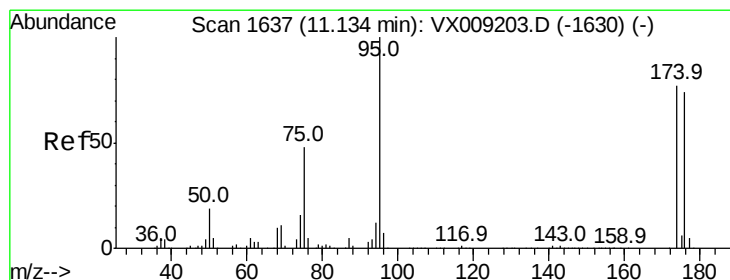
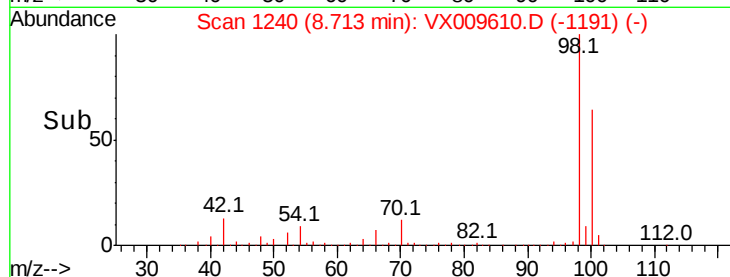
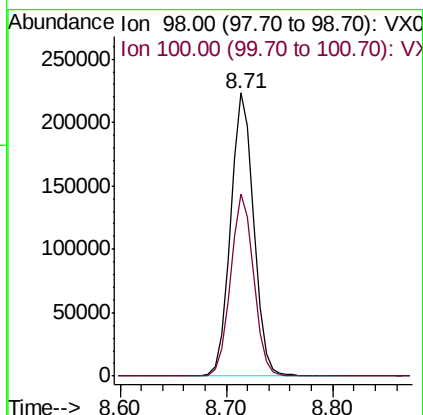
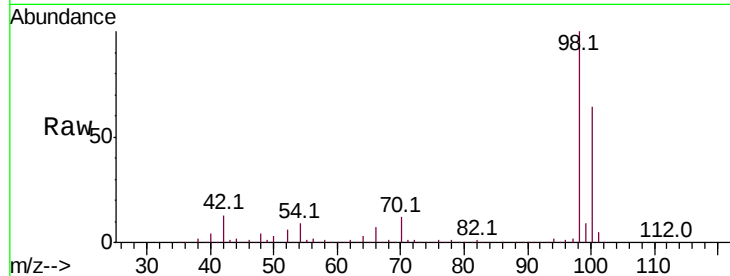




#50
Toluene-d8
Concen: 49.347 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009610.D
Acq: 16 May 2019 16:21

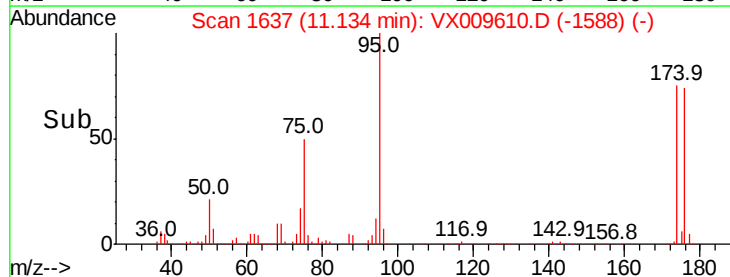
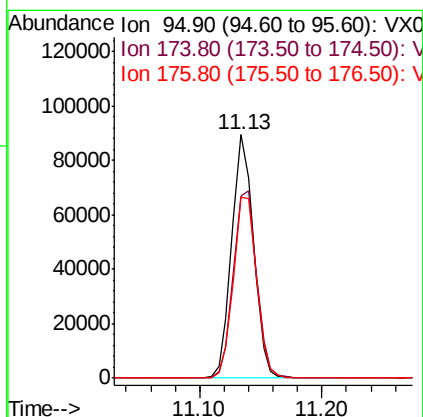
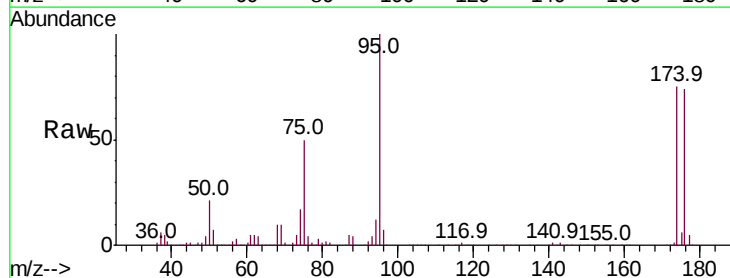
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-TB3

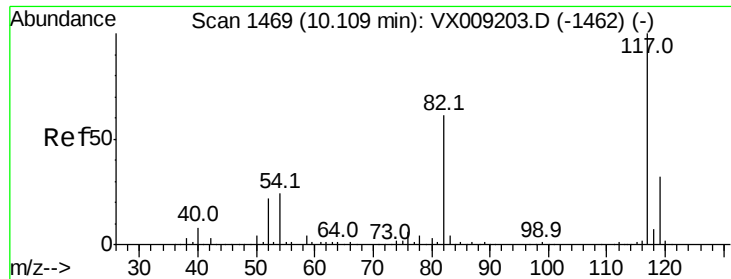
Tot Ion: 98 Resp: 340191
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.907 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009610.D
Acq: 16 May 2019 16:21

Tgt Ion: 95 Resp: 109986
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.6
176 79.2 0.0 159.2

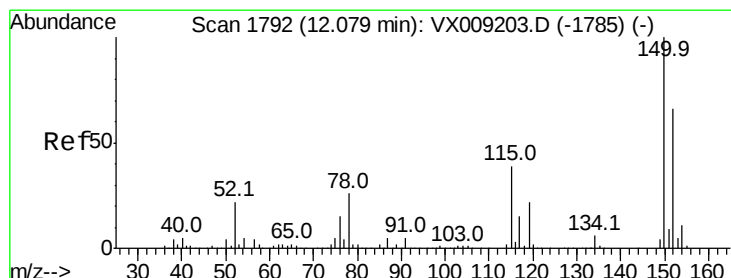
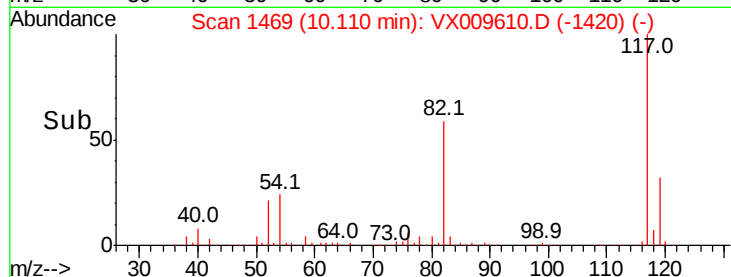
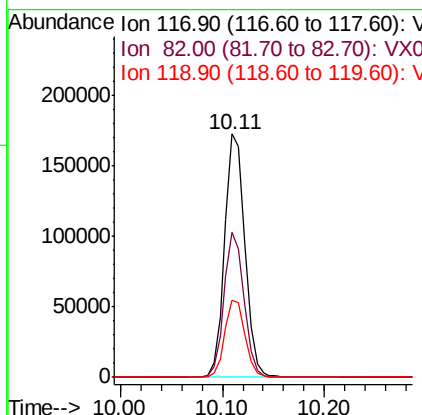
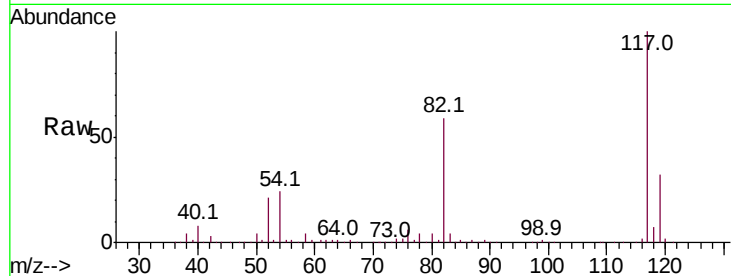




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009610.D
 Acq: 16 May 2019 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-TB3

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	48.8	73.2
119	31.6	25.8	38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009610.D
 Acq: 16 May 2019 16:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	41.2	123.6
150	157.9	0.0	346.4

